

Unit 2 - VBA-Scripting

Objectives

- Understand the fundamental building blocks of all programming languages: variables, arrays, conditionals, loops, and functions.
 - Create simple VBA macros to trigger pop ups and change cell values.
 - Gain practice in writing VBA subroutines that utilize variables and conditionals.
 - Begin to develop essential coding skills of syntax recollection, pattern recognition, problem decomposition, and debugging.
 - Understand the basic syntax of a VBA for loop.
 - Understand how to utilize for-loops in conjunction with conditionals to direct logic flow.
 - Understand the value of a nested for-loop and gain basic proficiency in their use.
 - Refine fundamental coding skills (syntax recollection, pattern recognition, problem decomposition, and debugging).
 - Be comfortable formatting spreadsheets using VBA code.
 - Understand how to loop through a table using VBA code and check for changes in values.
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Helpful Links

- [Excel VBA Programming \(http://www.homeandlearn.org/excel_vba_practice1.html\)](http://www.homeandlearn.org/excel_vba_practice1.html)
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